

APR 09 2009

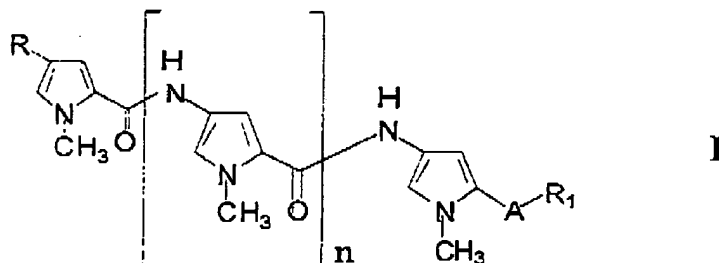
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Claims Amendment

Please add new claim 13.

1-8 (Cancelled)

9. (Previously submitted) A method for prophylaxis and /or treatment of endoparasitosis in an animal, comprising administration to the animal of an effective amount of a compound having the following formula (I):



wherein:

n is 0 or an integer comprised between 1 and 5;

R is a group $R_2-X-C(=Z)-NH-$, in which X represents a simple chemical bond, an aromatic or heteroaromatic radical, Z represents an oxygen atom or the NH group; and:

if X is a simple chemical bond, R_2 is an hydrogen atom, an alkyl, dialkylaminoalkyl, alkenyl, cycloalkyl, arylalkyl, arylalkenyl, haloalkyl, or an aromatic or heteroaromatic radical;

if X is an aromatic or heteroaromatic radical, R_2 is nitro, amino or formylamino;

or:

R is a group $R_3-C(=Z)-$, in which Z represents an oxygen atom or the NH group, and R_3 represents a hydrogen atom, the $-OR_4$ or $-NR_5R_6$ group, and where:

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R₄ is chosen from the group consisting of a hydrogen atom, an alkyl, cycloalkyl, arylalkyl, or an aromatic radical;

R₅ and R₆, either the same or different, are chosen from the group consisting of a hydrogen atom, an alkyl, cycloalkyl, arylalkyl, aromatic or heterocyclic radical, optionally substituted with a formylamino or a carbamoyl group; or

R₅ and R₆, joined together form an alkylene group, or the group $-(CH_2)_2-O-(CH_2)_2-$ or the group $-(CH_2)_2-NH-(CH_2)_2-$;

A represents a simple chemical bond or the group $-CO-NH-Y-$, wherein Y is an alkylene or aromatic radical;

R₁ is chosen from the group consisting of $CH_2N(CH_3)_2$, $-COOR_4$, $-B-NR_5R_6$, $-C(=NH)-NH_2$, a heterocyclic radical containing nitrogen, wherein:

R₄, R₅ and R₆ are as defined above, B represents a simple chemical bond or the $-C=O$ group, and:

when R₁ is $-B-NR_5R_6$, and B is a simple chemical bond, or when R₁ is a heterocyclic radical, A is not a chemical bond;

or a pharmaceutical acceptable salt thereof.

10. (Previously submitted) The method of Claim 9, wherein the compound of formula (I) is chosen between distamycin and a compound of formula (I) wherein:

n is as previously defined;

R is the $-CONH_2$ group, A is the $-CONHCH_2CH_2-$ group, R₁ is the $-C(=NH)-NH_2$ group or the $-CH_2N(CH_3)_2$ group;

R is the $-NH-CH(=NH)$ group, A is the $-CONHCH_2CH_2-$ group, R₁ is the $-C(=NH)-NH_2$ group or the $-CH_2N(CH_3)_2$ group or the $-CONH_2$ group;

and the pharmaceutically acceptable salts thereof.

11. (Previously submitted) The method according to Claim 9, wherein the endoparasitosis is chosen from Trichomoniasis, Giardiasis, Isotomoniasis, Amoebiasis, Coccidiosis, and Balantidiosis.

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12. (Previously submitted) The method according to Claim 9, wherein the administration is oral administration.

13. (New) The method according to Claim 1, wherein the compound of formula (I) is a compound of formula (I) wherein n is 0 or an integer from 1 to 5; R is a -CONH₂ group; A is a -CONHCH₂CH₂- group, and R₁ is a -C(=NH)-NH₂ group, and the endoparasitosis is Coccidiosis.